

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L14 and L15 and L16	18

**Database:**

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

**Search:**

	▲
	▼

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**

**DATE:** Friday, February 22, 2002   [Printable Copy](#)   [Create Case](#)

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L17</u>	L14 and L15 and L16	18	<u>L17</u>
<u>L16</u>	amphoteric adj polymer	730	<u>L16</u>
<u>L15</u>	cationic adj polymer	5388	<u>L15</u>
<u>L14</u>	ceramide	1663	<u>L14</u>
<u>L13</u>	L5 and (hair or cosmetic)	15	<u>L13</u>
<u>L12</u>	L11 and oleamido\$	1	<u>L12</u>
<u>L11</u>	L10 and hair	135	<u>L11</u>
<u>L10</u>	L9 and ceramide	291	<u>L10</u>
<u>L9</u>	amphoteric same cationic	10395	<u>L9</u>
<u>L8</u>	L4 and L5	2	<u>L8</u>
<u>L7</u>	L4 and L5 not L6	0	<u>L7</u>
<u>L6</u>	L4 same L5	2	<u>L6</u>
<u>L5</u>	hexadimethrine or hexadimethrine\$	122	<u>L5</u>
<u>L4</u>	merquat280 or (merquat adj 280) or polyquaternium22 or (polyquaternium adj 22) or quaternium22 or (quaternium adj 22) or polyquat22 or (polyquat adj 22)	156	<u>L4</u>
<i>DB=USPT; PLUR=YES; OP=</i>			
<u>L3</u>	(merquat\$280 or (polyquat-22 or polyquat22 or (polyquat adj 22) or polyquaternium\$22 or polyquaternium22 or (polyquaternium adj 22)))	1365	<u>L3</u>
<u>L2</u>	(hexadimethrine\$)	122	<u>L2</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L1</u>	(ioneneG or (ionene adj G))	0	<u>L1</u>

END OF SEARCH HISTORY

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1621mxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Sep 17 IMSworld Pharmaceutical Company Directory name change  
to PHARMASEARCH  
NEWS 3 Oct 09 Korean abstracts now included in Derwent World Patents  
Index  
NEWS 4 Oct 09 Number of Derwent World Patents Index updates increased  
NEWS 5 Oct 15 Calculated properties now in the REGISTRY/ZREGISTRY File  
NEWS 6 Oct 22 Over 1 million reactions added to CASREACT  
NEWS 7 Oct 22 DGENE GETSIM has been improved  
NEWS 8 Oct 29 AAASD no longer available  
NEWS 9 Nov 19 New Search Capabilities USPATFULL and USPAT2  
NEWS 10 Nov 19 TOXCENTER(SM) - new toxicology file now available on STN  
NEWS 11 Nov 29 COPPERLIT now available on STN  
NEWS 12 Nov 29 DWPI revisions to NTIS and US Provisional Numbers  
NEWS 13 Nov 30 Files VETU and VETB to have open access  
NEWS 14 Dec 10 WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002  
NEWS 15 Dec 10 DGENE BLAST Homology Search  
NEWS 16 Dec 17 WELDASEARCH now available on STN  
NEWS 17 Dec 17 STANDARDS now available on STN  
NEWS 18 Dec 17 New fields for DPCI  
NEWS 19 Dec 19 CAS Roles modified  
NEWS 20 Dec 19 1907-1946 data and page images added to CA and CAplus  
NEWS 21 Jan 25 BLAST(R) searching in REGISTRY available in STN on the Web  
NEWS 22 Jan 25 Searching with the P indicator for Preparations  
NEWS 23 Jan 29 FSTA has been reloaded and moves to weekly updates  
NEWS 24 Feb 01 DKILIT now produced by FIZ Karlsruhe and has a new update  
frequency  
NEWS 25 Feb 19 Access via Tymnet and SprintNet Eliminated Effective 3/31/02  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
STN Operating Hours Plus Help Desk Availability  
NEWS HOURS  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:46:10 ON 22 FEB 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

FILE 'REGISTRY' ENTERED AT 16:46:45 ON 22 FEB 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP-USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2

DICTIONARY FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
for more information. See STN Note 27, Searching Properties in the CAS  
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the  
CAS Registry Numbers that were added to the H/Z/CA/CAPLUS files between  
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches  
during this period, either directly appended to a CAS Registry Number  
or by qualifying an L-number with /P, may have yielded incomplete results.  
As of 1/23/02, the situation has been resolved. Also, note that searches  
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAPLUS files  
incorporating CAS Registry Numbers with the P indicator between 12/27/01  
and 1/23/02, are encouraged to re-run these strategies. Contact the  
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,  
worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to  
receive a credit for any duplicate searches.

=> e merquat

E1	1	MERPRANE/BI
E2	1	MERPRESS/BI
E3	6	--> MERQUAT/BI
E4	96	MERR/BI
E5	2	MERR.ALPHA./BI
E6	6	MERR1/BI
E7	10	MERR2/BI
E8	2	MERR3/BI
E9	4	MERREKENTR/BI
E10	4	MERREKENTRONE/BI
E11	13	MERREM/BI
E12	1	MERREMIA/BI

=> d e3

NO L# DEFINED

=> s e3

L1 6 MERQUAT/BI

=> d L1

L1 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2002 ACS

RN 197969-51-0 REGISTRY

CN 1-Propanaminium, N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-, chloride, polymer with methyl 2-propenoate and 2-propenoic acid (9CI)

(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, methyl ester, polymer with 2-propenoic acid and N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-1-propanaminium chloride (9CI)

CN 2-Propenoic acid, polymer with methyl 2-propenoate and N,N,N-trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-1-propanaminium chloride (9CI)

OTHER NAMES:

CN Acrylic acid-3-methacryloylaminopropyltrimethylammonium chloride-methyl acrylate copolymer

CN Merquat 2000

CN Merquat 2001

CN Merquat 2001N

CN Polyquaternium 47

MF (C10 H21 N2 O . C4 H6 O2 . C3 H4 O2 . Cl)x

CI PMS, COM

PCT Polyacrylic

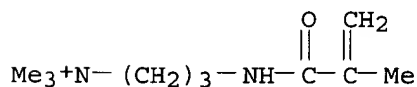
SR CAS Registry Services

LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL

CM 1

CRN 51410-72-1 (51441-64-6)

CMF C10 H21 N2 O . Cl

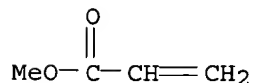


● Cl<sup>-</sup>

CM 2

CRN 96-33-3

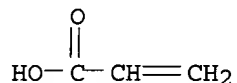
CMF C4 H6 O2



CM 3

CRN 79-10-7

CMF C3 H4 O2



32 REFERENCES IN FILE CA (1967 TO DATE)

32 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s merquat 280

6 MERQUAT

1533 280

L2 1 MERQUAT 280

(MERQUAT (W) 280)

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 53694-17-0 REGISTRY

CN 2-Propen-1-aminium, N,N-dimethyl-N-2-propenyl-, chloride, polymer with  
2-propenoic acid (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propenoic acid, polymer with N,N-dimethyl-N-2-propenyl-2-propen-1-  
aminium chloride (9CI)

OTHER NAMES:

CN Acrylic acid-diallyldimethylammonium chloride copolymer

CN Acrylic acid-diallyldimethylammonium chloride polymer

CN Acrylic acid-dimethyldiallylammonium chloride copolymer

CN Floc Aid 34

CN **Merquat 280**

CN Merquat 295

CN OF 280

CN Polyquaternium 22

DR 88353-42-8

MF (C8 H16 N . C3 H4 O2 . Cl)x

CI PMS, COM

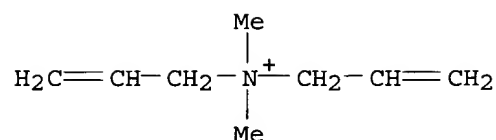
PCT Polyacrylic, Polyvinyl

LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, TOXLIT,  
USPATFULL

CM 1

CRN 7398-69-8 (48042-45-1)

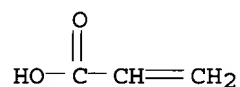
CMF C8 H16 N . Cl



● Cl<sup>-</sup>

CM 2

CRN 79-10-7  
CMF C3 H4 O2



172 REFERENCES IN FILE CA (1967 TO DATE)  
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
172 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> s ionene G

61 IONENE  
1092177 G  
L3 0 IONENE G  
(IONENE (W) G)

=> e hexadimethrine chloride

E1 1 HEXADILINE/BI  
E2 4 HEXADIMETHRINE/BI  
E3 0 --> HEXADIMETHRINE CHLORIDE/BI  
E4 4 HEXADIN/BI  
E5 1 HEXADINYN/BI  
E6 1 HEXADINYNYL/BI  
E7 1 HEXADINYNYLENE/BI  
E8 1 HEXADINYNYLENEBIS/BI  
E9 2 HEXADIOL/BI  
E10 3 HEXADION/BI  
E11 2 HEXADIONATO/BI  
E12 11 HEXADIONE/BI

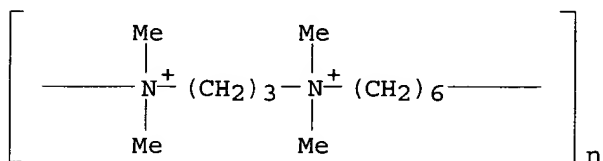
=> s hexadimethrine ,chloride

4 HEXADIMETHRINE  
790501 CHLORIDE  
815 CHLORIDES  
790501 CHLORIDE  
(CHLORIDE OR CHLORIDES)  
L4 1 HEXADIMETHRINE CHLORIDE  
(HEXADIMETHRINE (W) CHLORIDE)

=> d L4

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 68393-49-7 REGISTRY  
 CN Poly[(dimethyliminio)-1,3-propanediyl(dimethyliminio)-1,6-hexanediyl  
 dichloride] (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 1,6-Hexane dichloride-N,N,N',N'-tetramethyl-1,3-propylenediamine  
 copolymer, sru  
 CN ~~Hexadimethrine chloride~~  
 CN Mexomer PO  
 CN Mexomere PO  
 CN P 63  
 CN PAQ 2  
 CN Poly[dimethyliminio(hexamethylene)dimethyliminio(trimethylene dichloride)]  
 DR 143502-97-0  
 MF (C13 H30 N2)n . 2 Cl  
 AF (C13 H30 N2 . 2 Cl)n  
 CI PMS  
 PCT Polyionene  
 LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, TOXLIT, USPATFULL  
 CRN (31672-68-1)



● 2 Cl<sup>-</sup>

43 REFERENCES IN FILE CA (1967 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 43 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e mexanyl

E1	1	MEXANTI/BI
E2	1	MEXANTIDE/BI
E3	2 -->	MEXANYL/BI
E4	2	MEXASE/BI
E5	1	MEXAUTIDE/BI
E6	1	MEXAZOL/BI
E7	1	MEXAZOLAM/BI
E8	3	MEXB/BI
E9	1	MEXC/BI
E10	1	MEXD/BI
E11	5	MEXDI/BI
E12	5	MEXDIOL/BI

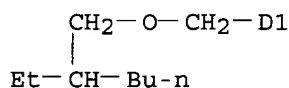
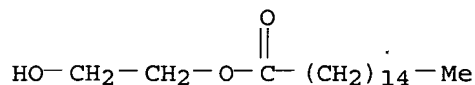
=> s e3

L5 2 MEXANYL/BI

=> d L5



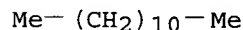
L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2002 ACS  
 RN 103991-94-2 REGISTRY  
 CN Hexadecanoic acid, monoester with 3-[(2-ethylhexyl)oxy]-1,2-propanediol  
 (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Mexanyl GP**  
 MF C27 H54 O4  
 CI IDS  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXLIT, USPATFULL



3 REFERENCES IN FILE CA (1967 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> d L5 2

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2002 ACS  
 RN 39529-98-1 REGISTRY  
 CN Dodecanediol (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Mexanyl GU**  
 MF C12 H26 O2  
 CI IDS, COM  
 LC STN Files: BIOBUSINESS, BIOSIS, CA, CAPLUS, CHEMLIST, CIN, IFICDB,  
 IFIPAT, IFIUDB, PROMT, TOXCENTER, TOXLIT, USPATFULL



2 ( D1-OH )

29 REFERENCES IN FILE CA (1967 TO DATE)  
 12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 29 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> e oleamido-1,3-octadecanediol

E1	1	OLEAMIDEO/BI
E2	99	OLEAMIDO/BI
E3	0 -->	OLEAMIDO-1,3-OCTADECANEDIOL/BI
E4	1	OLEAMIDOACET/BI
E5	1	OLEAMIDOACETATE/BI
E6	4	OLEAMIDOBUTYR/BI
E7	3	OLEAMIDOBUTYRAMIDO/BI

E8	1	OLEAMIDOBUTYRATO/BI
E9	2	OLEAMIDOETH/BI
E10	2	OLEAMIDOETHOXY/BI
E11	21	OLEAMIDOETHYL/BI
E12	3	OLEAMIDOETHYLAMINO/BI

=> e 2-oleamido

E1	14	2-HYDROXYPROPANOATE/BI
E2	1	2-METHYLBUTANOATE/BI
E3	0 -->	2-OLEAMIDO/BI
E4	1	2.,AL/BI
E5	1	2.,NI/BI
E6	521	2.0/BI
E7	7	2.0,AL/BI
E8	2	2.0,AS/BI
E9	1	2.0,B/BI
E10	1	2.0,BE/BI
E11	1	2.0,BI/BI
E12	5	2.0,C/BI

=> d his

(FILE 'HOME' ENTERED AT 16:46:10 ON 22 FEB 2002)

FILE 'REGISTRY' ENTERED AT 16:46:45 ON 22 FEB 2002

		E MERQUAT
L1	6 S	E3
L2	1 S	MERQUAT 280
L3	0 S	IONENE G
		E HEXADIMETHRINE CHLORIDE
L4	1 S	HEXADIMETHRINE CHLORIDE
		E MEXANYL
L5	2 S	E3
		E OLEAMIDO-1,3-OCTADECANEDIOL
		E 2-OLEAMIDO

=> file stng

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

42.78

42.93

FILE 'STNGUIDE' ENTERED AT 16:52:26 ON 22 FEB 2002

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Feb 15, 2002 (20020215/UP).

=> s C36H71NO3

L6	0	C36H71NO3
----	---	-----------

=> s oleamido

	0	OLEAMIDO
L7	0	OLEAMIDO

=> e oleamido

E1	4	OLDER/BI
E2	2	OLDMEDLINE/BI
E3	0 -->	OLEAMIDO/BI

E4	1	OMUL/BI
E5	1	OMULFULL/BI
E6	218	ON/BI
E7	1	ONCE/BI
E8	1	ONCOGENES/BI
E9	2	ONCOLOGY/BI
E10	35	ONE/BI
E11	2	ONES/BI
E12	1	ONGOING/BI

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.00

42.93

FILE 'REGISTRY' ENTERED AT 16:57:46 ON 22 FEB 2002  
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STRUCTURE FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2  
 DICTIONARY FILE UPDATES: 21 FEB 2002 HIGHEST RN 394646-31-2

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
 for more information. See STNnote 27, Searching Properties in the CAS  
 Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the  
 CAS Registry Numbers that were added to the H/Z/CA/CAPLUS files between  
 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches  
 during this period, either directly appended to a CAS Registry Number  
 or by qualifying an L-number with /P, may have yielded incomplete results.  
 As of 1/23/02, the situation has been resolved. Also, note that searches  
 conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAPLUS files  
 incorporating CAS Registry Numbers with the P indicator between 12/27/01  
 and 1/23/02, are encouraged to re-run these strategies. Contact the  
 CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,  
 worldwide, or send an e-mail to [help@cas.org](mailto:help@cas.org) for further assistance or to  
 receive a credit for any duplicate searches.

=> s C36H71NO3

L8 35 C36H71NO3

=> s oleamido

L9 99 OLEAMIDO

=> s L8 and L9

L10 0 L8 AND L9

=> d L8 1 ti

'TI' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN  
FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used  
SQD - Protein sequence data, includes RN  
SQD3 - Same as SQD, but 3-letter amino acid codes are used  
SQN - Protein sequence name information, includes RN  
  
CALC - Table of numeric properties  
PROP - Same as CALC  
  
ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data  
CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data  
IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL  
  
IABS --ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented  
  
OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels  
  
SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

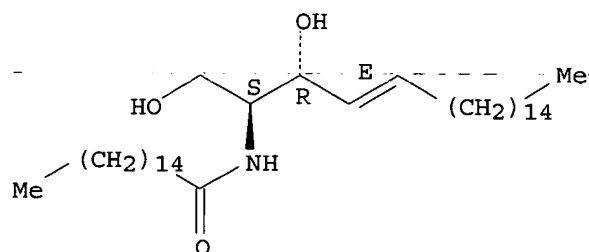
HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ENTER DISPLAY FORMAT (IDE):sam

L8 ANSWER 1 OF 35 REGISTRY COPYRIGHT 2002 ACS  
IN Hexadecanamide, N-[(1S,2R,3E)-2-hydroxy-1-(hydroxymethyl)-3-nonadecenyl]-

(9CI)  
MF C36 H71 N O3

Absolute stereochemistry.  
Double bond geometry as shown.

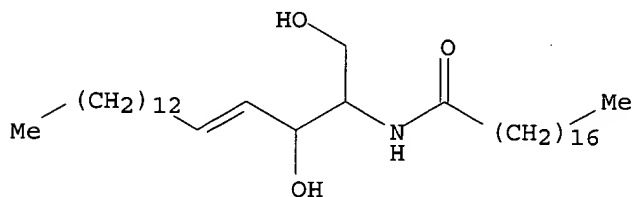


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> d L8 2-5 sam

L8 ANSWER 2 OF 35 REGISTRY COPYRIGHT 2002 ACS  
IN Octadecanamide, N- [2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl] - (9CI)  
MF C36 H71 N O3

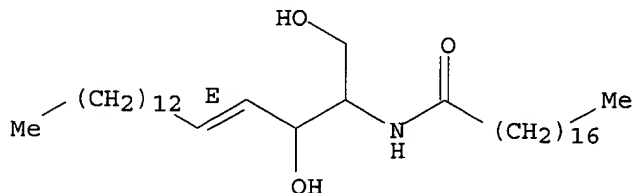
Double bond geometry unknown.  
Currently available stereo shown.

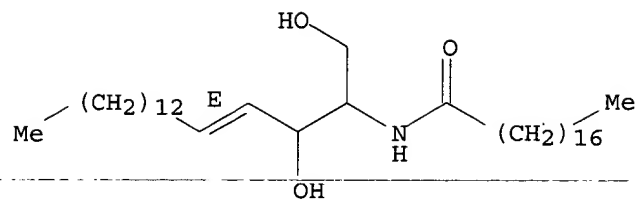


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 3 OF 35 REGISTRY COPYRIGHT 2002 ACS  
IN Octadecanamide, N- [(3E)-2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl] - (9CI)  
MF C36 H71 N O3

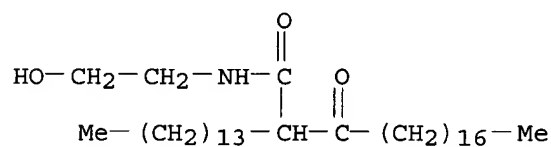
Double bond geometry as shown.





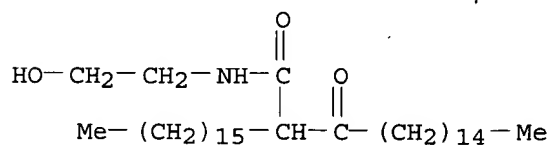
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 4 OF 35 REGISTRY COPYRIGHT 2002 ACS  
 IN Eicosanamide, N-(2-hydroxyethyl)-3-oxo-2-tetradecyl- (9CI)  
 MF C36 H71 N O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 5 OF 35 REGISTRY COPYRIGHT 2002 ACS  
 IN Octadecanamide, 2-hexadecyl-N-(2-hydroxyethyl)-3-oxo- (9CI)  
 MF C36 H71 N O3

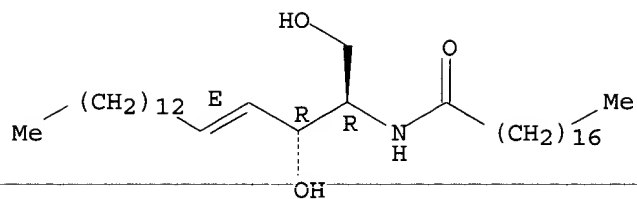


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> d L8 6-10 sam

L8 ANSWER 6 OF 35 REGISTRY COPYRIGHT 2002 ACS  
 IN Octadecanamide,  
 N-[(1R,2R,3E)-2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]-  
 (9CI)  
 MF C36 H71 N O3

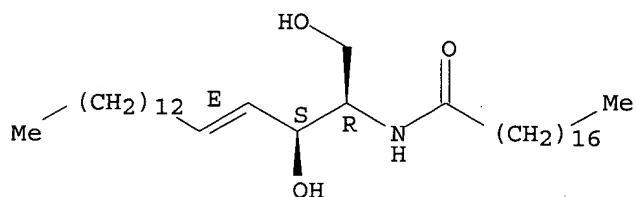
Absolute stereochemistry.  
 Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 7 OF 35 REGISTRY COPYRIGHT 2002 ACS  
 IN Octadecanamide,  
 N-[(1R,2S,3E)-2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]-  
 (9CI)  
 MF C36 H71 N O3

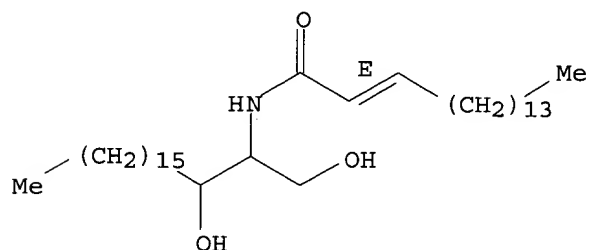
Absolute stereochemistry.  
 Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 8 OF 35 REGISTRY COPYRIGHT 2002 ACS  
 IN 2-Heptadecenamide, N-[2-hydroxy-1-(hydroxymethyl)octadecyl]-, (2E)- (9CI)  
 MF C36 H71 N O3

Double bond geometry as shown.  
 Currently available stereo shown.

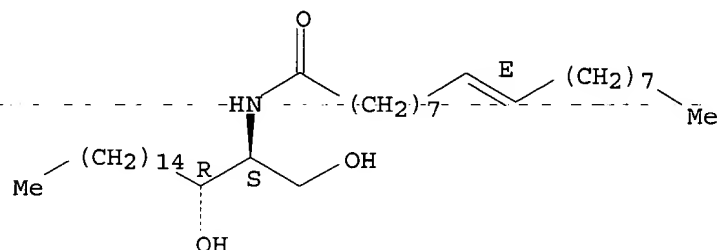


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 9 OF 35 REGISTRY COPYRIGHT 2002 ACS

IN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9E)-(9CI)  
 MF C36 H71 N O3

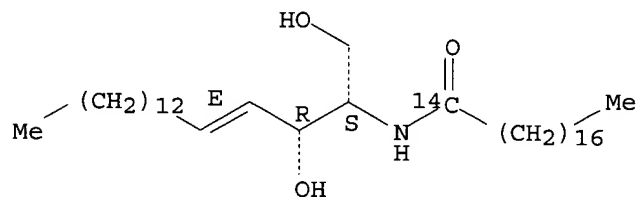
Absolute stereochemistry.  
 Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L8 ANSWER 10 OF 35 REGISTRY COPYRIGHT 2002 ACS  
 IN Octadecanamide-1-14C, N-[2-hydroxy-1-(hydroxymethyl)-3-heptadecenyl]-, [R-[R\*,S\*-(E)]]-(9CI)  
 MF C36 H71 N O3

Absolute stereochemistry.  
 Double bond geometry as shown.



=> e 9-octadecenamide

E1	1	9-GLYCINE/BI
E2	1	9-METHYL-9-PROPYL-9H-FLUORENE-2-CARBOXYLATE/BI
E3	0	--> 9-OCTADECENAMIDE/BI
E4	1	9-THREONINE/BI
E5	172	9.0/BI
E6	1	9.0,AG/BI
E7	1	9.0,AL/BI
E8	1	9.0,BE/BI
E9	1	9.0,C/BI
E10	4	9.0,FE/BI
E11	5	9.0,MN/BI
E12	5	9.0,MO/BI

=> e octadecenamide

E1	23512	OCTADECEN/BI
E2	77	OCTADECENAL/BI
E3	1368	--> OCTADECENAMIDE/BI
E4	4	OCTADECENAMIDO/BI



E5	1	OCTADECENAMIDOBENZOYL/BI
E6	4	OCTADECENAMINE/BI
E7	5	OCTADECENANILIDE/BI
E8	3	OCTADECENATE/BI
E9	1	OCTADECENATO/BI
E10	1	OCTADECENC/BI
E11	1	OCTADECENCYL/BI
E12	1810	OCTADECENE/BI

=> s e3

L11 1368 OCTADECENAMIDE/BI

=> s L8 and L11

L12 5 L8 AND L11

=> d L12 1-5 sam

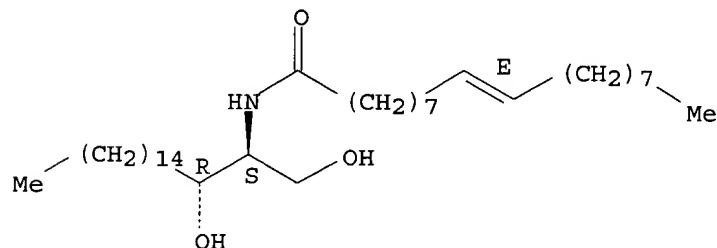
L12 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS

IN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9E) - (9CI)

MF C36 H71 N O3

Absolute stereochemistry.

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

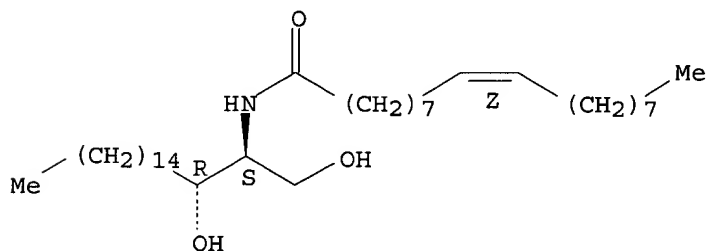
L12 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS

IN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, [R\*,S\*-(Z)] - (9CI)

MF C36 H71 N O3

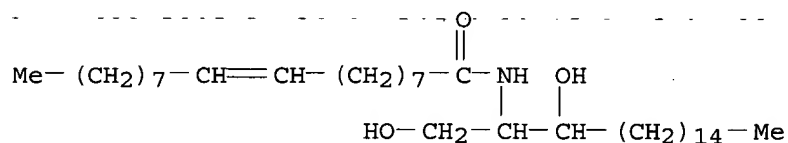
Relative stereochemistry.

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

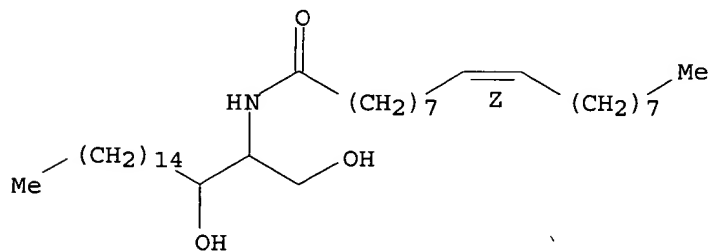
L12 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2002 ACS  
IN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl] - (9CI)  
MF C36 H71 N O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L12 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2002 ACS  
IN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl] -, (9Z) - (9CI)  
MF C36 H71 N O3

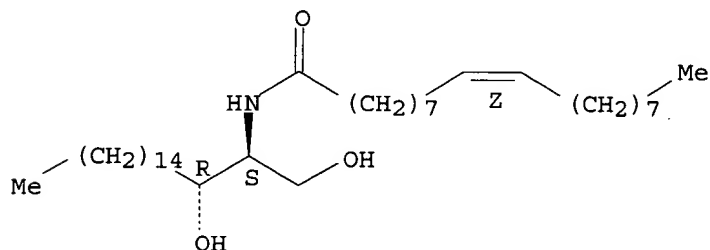
Double bond geometry as shown.

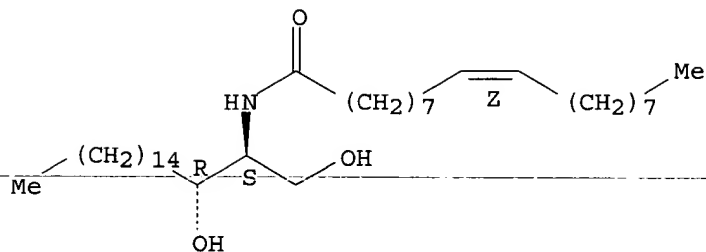


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L12 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2002 ACS  
IN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl] -, (9Z) - (9CI)  
MF C36 H71 N O3

Absolute stereochemistry. Rotation (+).  
Double bond geometry as shown.



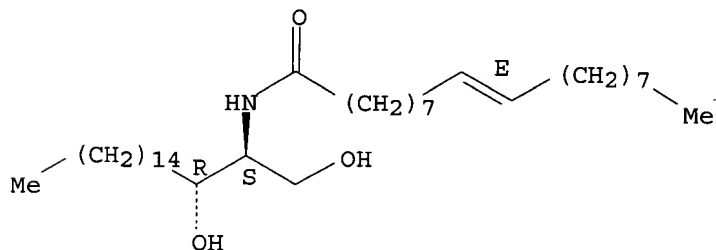


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> d L12 1-5

L12 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS  
 RN 216866-97-6 REGISTRY  
 CN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9E)-(9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C36 H71 N O3  
 SR CA  
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.  
 Double bond geometry as shown.

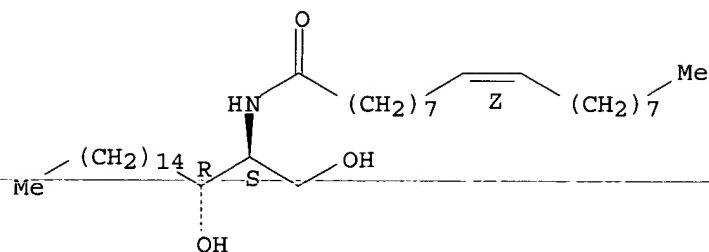


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2002 ACS  
 RN 195151-15-6 REGISTRY  
 CN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, [R\*,S\*-(Z)]-(9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C36 H71 N O3  
 SR CA  
 LC STN Files: CA, CAPLUS

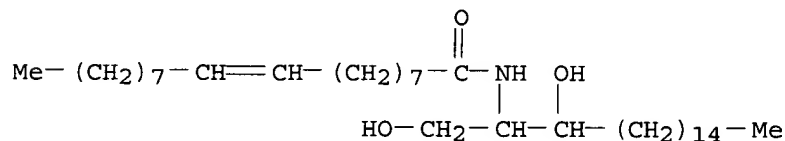
Relative stereochemistry.  
 Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1967 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2002 ACS  
RN 144653-38-3 REGISTRY  
CN **9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]- (9CI)**  
(CA INDEX NAME)  
FS 3D CONCORD  
MF **C36 H71 N O3**  
SR CA  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, USPATFULL  
(\*File contains numerically searchable property data)

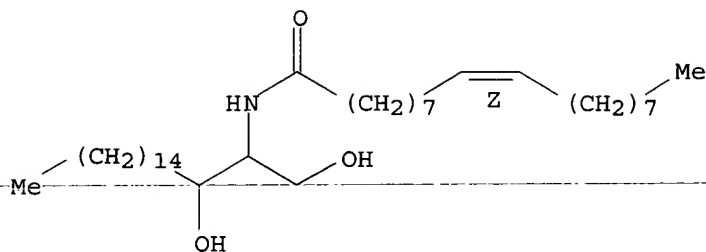


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1967 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2002 ACS  
RN 54422-45-6 REGISTRY  
CN **9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9Z)- (9CI)** (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN **9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (Z)-**  
FS STEREOSEARCH  
MF **C36 H71 N O3**  
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CHEMLIST, IPA, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)

Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10 REFERENCES IN FILE CA (1967 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L12 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2002 ACS

RN 34227-83-3 REGISTRY

CN 9-Octadecenamide, N-[(1S,2R)-2-hydroxy-1-(hydroxymethyl)heptadecyl]-, (9Z) - (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9-Octadecenamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, [R-[R\*,S\*-(Z)]]-

CN Oleamide, N-[2-hydroxy-1-(hydroxymethyl)heptadecyl]-, D-erythro- (8CI)

OTHER NAMES:

CN D-erythro-1,3-Dihydroxy-2-(cis-9-octadecenoylamido)octadecane

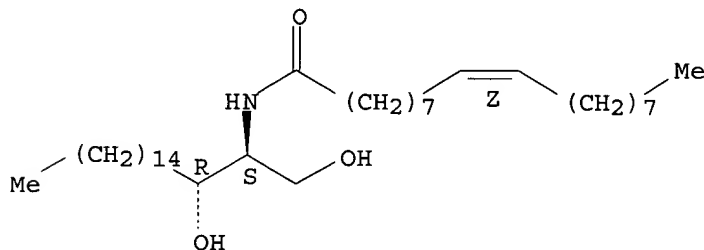
CN N-Oleoyl sphinganine

FS STEREOSEARCH

MF C36 H71 N O3

LC STN Files: BEILSTEIN\*, CA, CAPLUS, IPA, TOXCENTER, TOXLIT, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).  
Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

30 REFERENCES IN FILE CA (1967 TO DATE)  
30 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

35.12

78.05

FILE 'CAPLUS' ENTERED AT 17:04:37 ON 22 FEB 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 22 Feb 2002 VOL 136 ISS 9  
FILE LAST UPDATED: 21 Feb 2002 (20020221/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L2  
L13 172 L2  
  
=> s L4  
L14 43 L4  
  
=> s L12  
L15 42 L12  
  
=> s L13 and L14 and L15  
L16 0 L13 AND L14 AND L15  
  
=> s L13 and L14  
L17 3 L13 AND L14  
  
=> s L13 and L15  
L18 0 L13 AND L15  
  
=> s L14 and L15  
L19 1 L14 AND L15  
  
=> d L17 1-3 ibib,abs,kwic

L17 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:432812 CAPLUS  
DOCUMENT NUMBER: 135:36940  
TITLE: Dye compositions for keratin fibers comprising a nonionic compound  
INVENTOR(S): Bone, Eric; Mori, Harumi; Yamada, Hidetoshi  
PATENT ASSIGNEE(S): L'oreal, Fr.  
SOURCE: Eur. Pat. Appl., 22 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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*amphoteric + cationic polymers*

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EP 1106167	A2	20010613	EP 2000-310764	20001204
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001220331	A2	20010814	JP 2000-369312	20001204
US 2001032368	A1	20011025	US 2000-727585	20001204
PRIORITY APPLN. INFO.:			JP 1999-345546	A 19991203

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OTHER SOURCE(S): MARPAT 135:36940

AB The present invention relates to a dye compn. for keratin fibers, in particular for human keratin fibers such as hair, comprising, at least one dye [oxidn. dye (base and/or coupler) or direct dye], and at least one nonionic compd. of the general formula  $R(OCH_2CH_2)_nOR_1$  ( $R = C_{10-30}$  alkyl;  $R_1 = C_{10-30}$  alkyl;  $n = 1-100$ ). The present invention also relates to processes and devices for dyeing using the aforesaid compns. For example,

a two-part hair dye compn. was prepd. comprising (A) oxyethylenated fatty alc. 21, lauric acid 3, cetylstearyl alc. 11.5, polyacrylic acid 0.4, silica 1.2, opacifying agent 2, propylene glycol 10, a cationic polymer as

60% aq. soln. 5, Merquat 280 3.7, sequestering agent as needed, reducing agent as needed, 20% ammonia 11, oxidn. dye as needed, and water up to 100

parts, and (B) Elfacos GT 282S 6.0 g, diisopropyl adipate 50 g, C12-15 benzoate 10 g, preservatives as needed, and water up to 100 g. At the moment of use, 10 g of compn. A was mixed with 1 g of compn. B and 15 g of

oxygenated water soln. at 20 vols. A thick and stable compn. was obtained. The compn. obtained was applied to locks of permed hair contg. 90% white hairs. After pausing 30 min, the locks were rinsed, then washed

with shampoo, rinsed again and then dried. The hair was dyed to a natural brown color.

IT 91-20-3D, Naphthalene, hydroxylated 95-55-6, o-Aminophenol 106-50-3, p-Phenylenediamine, biological studies 108-45-2, m-Phenylenediamine, biological studies 110-86-1, Pyridine, biological studies 120-72-9, Indole, biological studies 123-30-8, p-Aminophenol 124-43-6 496-15-1, Indoline 533-31-3, Sesamol 591-27-5, m-Aminophenol 612-76-0, m-Diphenol 7722-84-1, Hydrogen peroxide, biological studies 7789-31-3D, Bromic acid, alkali metal salts 17126-46-4D, Hydrogen hexacyanoferrate, alkali metal salts 53694-17-0, Merquat 280 68393-49-7 131015-90-2, Elfacos GT 282S 223104-80-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(dye compns. for keratin fibers comprising surfactants and polyelectrolytes)

L17 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:534814 CAPLUS

DOCUMENT NUMBER: 133:139913

TITLE: Anhydrous composition for bleaching keratin fibers containing anionic and/or non ionic amphiphilic polymers with at least one fatty chain and cationic

or

amphoteric polymers

INVENTOR(S): Legrand, Frederic; Millequant, Jean

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1023891	A1	20000802	EP 2000-400148	20000120
EP 1023891	B1	20011024		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2788974	A1	20000804	FR 1999-1054	19990129
FR 2788974	B1	20010330		
AU 728168	B2	20010104	AU 2000-12512	20000120
AT 207338	E	20011115	AT 2000-400148	20000120
ES 2161674	T3	20011216	ES 2000-400148	20000120
ZA 200000258	A	20001012	ZA 2000-258	20000121
BR 2000000419	A	20010502	BR 2000-419	20000127
US 6260556	B1	20010717	US 2000-492778	20000128
CN 1270022	A	20001018	CN 2000-104637	20000129
JP 2000239134	A2	20000905	JP 2000-23189	20000131

PRIORITY APPLN. INFO.: FR 1999-1054 A 19990129

AB The title hair bleach is disclosed. A powder contained potassium persulfate 35, sodium persulfate 30, sodium metasilicate 14, ammonium chloride 5, EDTA 1, sodium dioctylsulfosuccinate/sodium benzoate 1, calcium stearate 1, silica 6.5, Polyquaternium-22 1, Carbopol-1382 1.5, guar gum 2, and hydroxyethyl cellulose 2%. A hydrogen peroxide compn. contained cetestearyl/cetearaeth-30 alc. 2.85, stabilizer 0.06, sequestering agent 0.15, hydrogen peroxide 9, phosphoric acid pH = 2, and water q.s. 100%. At the time of use 8 g of the peroxide compn. is mixed with 16 g of the powder and applied on the hair.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

IT 7722-84-1, Hydrogen peroxide, biological studies 7727-21-1, Potassium persulfate 7775-27-1, Sodium persulfate 7783-20-2, Ammonium sulfate, biological studies 9003-39-8, Vinyl pyrrolidone polymer 9004-34-6D, Cellulose, hydroxy alkyl derivs. 9004-62-0, Hydroxyethyl cellulose 10124-31-9, Ammonium phosphate 12125-02-9, Ammonium chloride, biological studies 13463-67-7, Titanium oxide, biological studies 25136-75-8, Polyquaternium 39 26062-79-3, Polydimethyldiallylammonium chloride 26590-05-6, Acrylamide-dimethyldiallylammonium chloride copolymer 39421-75-5, Hydroxypropyl guar 53694-17-0, Polyquaternium 22 68393-49-7 146701-61-3, Carbopol 1382 197969-51-0, Polyquaternium 47 223104-80-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(anhyd. compn. for bleaching keratin fibers contg. anionic and/or non ionic amphiphilic polymers with at least one fatty chain and cationic or amphoteric polymers)

L17 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:244543 CAPLUS

DOCUMENT NUMBER: 130:301478

TITLE: Oxidative hair dye compositions containing oxidoreductase-type enzymes and polymers

INVENTOR(S): De La Mettrie, Roland; Cotteret, Jean; De Labrey, Arnaud; Maubru, Mireille

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: PCT Int. Appl., 33 pp.



CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9917727	A1	19990415	WO 1998-FR2026	19980922
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2769217	A1	19990409	FR 1997-12357	19971003
FR 2769217	B1	20000317		
AU 9892695	A1	19990427	AU 1998-92695	19980922
AU 719804	B2	20000518		
BR 9806261	A	20000125	BR 1998-6261	19980922
EP 975318	A1	20000202	EP 1998-945350	19980922
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2000507983	T2	20000627	JP 1999-521107	19980922
ZA 9809001	A	19990412	ZA 1998-9001	19981002
US 6251145	B1	20010626	US 1999-319199	19990602
US 2002004959	A1	20020117	US 2001-832878	20010412
PRIORITY APPLN. INFO.:			FR 1997-12357	A 19971003
			WO 1998-FR2026	W 19980922
			US 1999-319199	A3 19990602
AB A cosmetic and/or dermatol. compn. for treating keratin fibers, in particular human keratin fibers and more particularly human hair comprise in an appropriate support for keratin fibers: (a) at least an oxidoreductase-type enzyme with 2 electrons in the presence of at least a donor for said enzyme; and (b) at least a substantive polymer selected in the group consisting of: (i) cellulosic cationic derivs.; (ii) dimethyldiallylammonium halide homopolymers and dimethyldiallylammonium copolymers and (meth)acrylic acid; (iii) methacryloyloxyethyltrimethylammonium halide homopolymers and copolymers; (iv) quaternary polyammonium polymers; (v) vinylpyrrolidone polymers with cationic structural units; and (vi) their mixts. The invention also concerns the methods for treating keratin fibers in particular methods for dyeing, permanently setting or bleaching hair using said compn. A hair dye compn. contained uricase (20 IU/mg) 1.5, uric acid 1.5, p-phenylenediamine 0.324, resorcin 0.33, Merquat 280 (acrylic acid-dimethyldiallylammonium chloride copolymer) 1.0, and water q.s. 100 g.				
REFERENCE COUNT:		8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE	
FORMAT				
IT 69-93-2, Uric acid, biological studies 106-50-3, 1,4-Benzenediamine, biological studies 108-45-2, 1,3-Benzenediamine, biological studies 108-46-3, 1,3-Benzenediol, biological studies 591-27-5 9002-12-4, Uricase 9004-34-6D, Cellulose, alkyl ether derivs. 9015-06-9 9055-15-6, Oxidoreductase 26062-79-3, Merquat 100 26161-33-1 30581-59-0, Dimethylaminoethyl methacrylate-vinylpyrrolidone copolymer 35429-19-7 53694-17-0, Merquat 280 68393-49-7 95144-24-4 131954-48-8 197179-33-2, Oramix cg110 223104-80-1				

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES  
(Uses)  
(oxidative hair dye compns. contg. oxidoreductase-type enzymes and  
polymers)

=> d L19 ibib,abs,kwic

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1996:115211 CAPLUS

DOCUMENT NUMBER: 124:155673

TITLE: Cosmetic preparation for treatment and washing of the  
hair and skin containing ceramides and cationic  
polymers

INVENTOR(S): Cauwet, Daniele; Dubief, Claufe; Beauquey, Bernard

PATENT ASSIGNEE(S): Oreal S. A., Fr.

SOURCE: Fr. Demande, 34 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2718961	A1	19951027	FR 1994-4880	19940422
FR 2718961	B1	19960621		
AU 9516292	A1	19951116	AU 1995-16292	19950406
AU 683347	B2	19971106		
BR 9501395	A	19960305	BR 1995-1395	19950419
CA 2147550	AA	19951023	CA 1995-2147550	19950421
CA 2147553	AA	19951023	CA 1995-2147553	19950421
CN 1114681	A	19960110	CN 1995-104713	19950421
CN 1063939	B	20010404		
HU 71724	A2	19960129	HU 1995-1141	19950421
HU 217993	B	20000528		
RU 2127580	C1	19990320	RU 1995-106676	19950421
PL 180861	B1	20010430	PL 1995-308284	19950421
JP 08059443	A2	19960305	JP 1995-98256	19950424
JP 2912186	B2	19990628		
US 5661118	A	19970826	US 1995-427356	19950424
EP 739625	A1	19961030	EP 1995-400922	19950425
EP 739625	B1	20010620		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
EP 739620	A1	19961030	EP 1995-400923	19950425
EP 739620	B1	20001108		
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
AT 197391	E	20001111	AT 1995-400923	19950425
ES 2151583	T3	20010101	ES 1995-400923	19950425
AT 202276	E	20010715	AT 1995-400922	19950425
ES 2158056	T3	20010901	ES 1995-400922	19950425
PRIORITY APPLN. INFO.:			FR 1994-4880	A 19940422
			EP 1995-400922	A 19950425
			EP 1995-400923	A 19950425

OTHER SOURCE(S): MARPAT 124:155673

AB A prepn. for washing and treatment of the hair and skin contains  
.gtoreq.1

anionic surfactants, .gtoreq.1 amphoteric or zwitterionic surfactants,  
.gtoreq.1 ceramide or glycosceramide, and .gtoreq.1 cationic polymer. A  
shampoo contained Empicol ESB/3 FL (ethoxylated lauryl ether sulfate) 8,

32% cocoylbetaine 4, ceramide A 0.1, guar hydroxypropyltrimonium chloride 0.4, preservatives q.s., fragrance q.s., and water q.s. 100g.

IT 107-36-8D, Isethionic acid, alkyl derivs. 107-97-1D, Sarcosinic acid, alkyl derivs. 123-43-3D, Sulfoacetic acid, alkyl derivs. 5138-18-1D, Sulfosuccinic acid, alkyl derivs. 7664-38-2D, Phosphoric acid, alkyl derivs. 7664-93-9D, Sulfuric acid, alkyl derivs. 9004-34-6D, Cellulose, quaternary ammonium derivs. 9004-82-4, Sodium lauryl ether sulfate 9012-76-4D, Chitosan, derivs. 26590-05-6, Merquat 550 33939-64-9 34227-83-3 65497-29-2 68393-49-7 81859-24-7, Polyquaternium 10 135507-55-0, Tego-Betain HS 147014-82-2, Salcare sc92

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(cosmetic prepn. for treatment and washing of hair and skin contg. ceramides and cationic polymers)

=> file uspatfull		
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FULL ESTIMATED COST	10.50	88.55
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.48	-2.48

FILE 'USPATFULL' ENTERED AT 17:07:01 ON 22 FEB 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 21 Feb 2002 (20020221/PD)  
FILE LAST UPDATED: 21 Feb 2002 (20020221/ED)  
HIGHEST GRANTED PATENT NUMBER: US6349410  
HIGHEST APPLICATION PUBLICATION NUMBER: US2002023282  
CA INDEXING IS CURRENT THROUGH 21 Feb 2002 (20020221/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 21 Feb 2002 (20020221/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2001  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2001

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>>> USPAT2 is now available.  USPATFULL contains full text of the  <<<
>>> original, i.e., the earliest published granted patents or  <<<
>>> applications.  USPAT2 contains full text of the latest US  <<<
>>> publications, starting in 2001, for the inventions covered in  <<<
>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent  <<<
>>> publications.  The publication number, patent kind code, and  <<<
>>> publication date for all the US publications for an invention  <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL  <<<
>>> records and may be searched in standard search fields, e.g., /PN,  <<<
>>> /PK, etc.  <<<

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>>> Use USPATALL when searching terms such as patent assignees,  <<<
>>> classifications, or claims, that may potentially change from  <<<
>>> the earliest to the latest publication.  <<<
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=> s L2

L20 61 L2

=> s L4

L21 31 L4

=> s L12

L22 26 L12

=> s L20 and L21 and L22

L23 0 L20 AND L21 AND L22

=> s L20 and L21

L24 4 L20 AND L21

=> s L20 and L22

L25 0 L20 AND L22

=> s L21 and L22

L26 0 L21 AND L22

=> d L24 1-4 ibib,abs,kwic

L24 ANSWER 1 OF 4 USPATFULL

ACCESSION NUMBER: 2002:10592 USPATFULL

TITLE: Oxidizing composition and uses for dyeing, for permanently reshaping or for bleaching keratin fibres

INVENTOR(S): Mettrie, Roland De La, Le Vesinet, FRANCE  
Cotteret, Jean, Verneuil Sur Seine, FRANCE  
Labbey, Arnaud De, Aulnay Sous Bois, FRANCE  
Maubru, Mireille, Chatou, FRANCE

PATENT ASSIGNEE(S): L'Oreal S.A. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004959	A1	20020117
APPLICATION INFO.:	US 2001-832878	A1	20010412 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-319199, filed on 2 Jun 1999, GRANTED, Pat. No. US 6251145 A 371 of International Ser. No. WO 1998-FR2026, filed on 22 Sep 1998, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1997-12357	19971003
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FINNEGAN, HENDERSON, FARABOW, GARRETT &, DUNNER LLP, 1300 I STREET, NW, WASHINGTON, DC, 20005	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1039	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates, firstly, to a cosmetic and/or dermatological composition intended for treating keratin fibers, in particular human keratin fibers and more particularly human hair, comprising, in a support which is suitable for keratin fibers: (a) at least one enzyme of 2-electron oxidoreductase type in the presence of

at least one donor for the said enzyme; (b) at least one substantive polymer chosen from the group consisting of: (i) cationic cellulose

derivatives; (ii) dimethyldiallylammonium halide homopolymers and copolymers of dimethyldiallylammonium halide and of (meth)acrylic acid; (iii) methacryloyloxyethyltrimethylammonium halide homopolymers and copolymers; (iv) polyquaternary ammonium polymers; (v) vinylpyrrolidone polymers containing cationic units; (vi) mixtures thereof. The present invention also relates to processes for treating keratin fibers, in particular processes for dyeing, permanently reshaping or bleaching the hair using this composition.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 69-93-2, Uric acid, biological studies 106-50-3, 1,4-Benzenediamine, biological studies 108-45-2, 1,3-Benzenediamine, biological studies 108-46-3, 1,3-Benzenediol, biological studies 591-27-5 9002-12-4, Uricase 9004-34-6D, Cellulose, alkyl ether derivs. 9015-06-9 9055-15-6, Oxidoreductase 26062-79-3, Merquat 100 26161-33-1 30581-59-0, Dimethylaminoethyl methacrylate-vinylpyrrolidone copolymer 35429-19-7 **53694-17-0**, Merquat 280 **68393-49-7** 95144-24-4 131954-48-8 197179-33-2, Oramix cg110 223104-80-1 (oxidative hair dye compns. contg. oxidoreductase-type enzymes and polymers)

L24 ANSWER 2 OF 4 USPATFULL

ACCESSION NUMBER: 2001:186742 USPATFULL  
TITLE: Dye compositions comprising at least one nonionic compound and uses thereof  
INVENTOR(S): Bone, Eric, Rueil Malmaison, France  
Mori, Harumi, Tokyo, Japan  
Yamada, Hidetoshi, Tokyo, Japan

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001032368	A1	20011025
APPLICATION INFO.:	US 2000-727585	A1	20001204 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1999-11345546	19991203
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Thomas L. Irving, FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., 1300 I Street, N.W., Washington, DC, 20005-3315	
NUMBER OF CLAIMS:	149	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2217	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dye compositions comprising (1) at least one colorant chosen from oxidation dyes and direct dyes, wherein said oxidation dyes are chosen from bases, couplers, and bases and couplers, and (2) at least one nonionic compound of the formula R--(OCH.sub.2CH.sub.2).sub.n--OR', wherein R is chosen from C.sub.10-C.sub.30 alkyl groups, and wherein R' is chosen from C.sub.10-C.sub.30 alkyl groups optionally substituted with a hydroxyl group, and n is an integer ranging from 1 to 100. One use of such compositions is for the dyeing of at least one keratin fiber, such as human keratin fibers like hair. Processes and devices for dyeing using the aforesaid compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

See 117, #1

IT 91-20-3D, Naphthalene, hydroxylated 95-55-6, o-Aminophenol 106-50-3, p-Phenylenediamine, biological studies 108-45-2, m-Phenylenediamine, biological studies 110-86-1, Pyridine, biological studies 120-72-9, Indole, biological studies 123-30-8, p-Aminophenol 124-43-6 496-15-1, Indoline 533-31-3, Sesamol 591-27-5, m-Aminophenol 612-76-0, m-Diphenol 7722-84-1, Hydrogen peroxide, biological studies 7789-31-3D, Bromic acid, alkali metal salts 17126-46-4D, Hydrogen hexacyanoferrate, alkali metal salts 53694-17-0, Merquat 280 68393-49-7 131015-90-2, Elfacos GT 282S 223104-80-1 (dye compns. for keratin fibers comprising surfactants and polyelectrolytes)

L24 ANSWER 3 OF 4 USPATFULL

ACCESSION NUMBER: 2001:110830 USPATFULL  
 TITLE: Anhydrous composition for bleaching keratin fibers  
 INVENTOR(S): Legrand, Frederic, Boulogne Billancourt, France  
 Millequant, Jean, Saint Maur, France  
 PATENT ASSIGNEE(S): L'Oreal, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6260556	B1	20010717
APPLICATION INFO.:	US 2000-492778		20000128 (9)

See L17, #2

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-1054	19990129
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Manahan, Todd E.	
LEGAL REPRESENTATIVE:	Finnegan Henderson Farabow Garrett & Dunner, L.L.P.	
NUMBER OF CLAIMS:	47	
EXEMPLARY CLAIM:	41	
LINE COUNT:	1281	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to anhydrous compositions for bleaching keratin fibers, in particular the hair, containing at least one alkaline agent, at least one peroxygenated salt, at least one anionic and/or nonionic amphiphilic polymer including at least one fatty chain, and at least one cationic or amphoteric substantive polymer, to the use of these compositions to prepare ready-to-use bleaching compositions by mixing with an aqueous hydrogen peroxide composition, and to a process for bleaching the hair using these anhydrous compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 7722-84-1, Hydrogen peroxide, biological studies 7727-21-1, Potassium persulfate 7775-27-1, Sodium persulfate 7783-20-2, Ammonium sulfate, biological studies 9003-39-8, Vinyl pyrrolidone polymer 9004-34-6D, Cellulose, hydroxy alkyl derivs. 9004-62-0, Hydroxyethyl cellulose 10124-31-9, Ammonium phosphate 12125-02-9, Ammonium chloride, biological studies 13463-67-7, Titanium oxide, biological studies 25136-75-8, Polyquaternium 39 26062-79-3, Polydimethyldiallylammonium chloride 26590-05-6, Acrylamide-dimethyldiallylammonium chloride copolymer 39421-75-5, Hydroxypropyl guar 53694-17-0, Polyquaternium 22 68393-49-7 146701-61-3, Carbopol 1382 197969-51-0, Polyquaternium 47 223104-80-1 (anhyd. compn. for bleaching keratin fibers contg. anionic and/or non ionic amphiphilic polymers with at least one fatty chain and cationic or amphoteric polymers)

L24 ANSWER 4 OF 4 USPATFULL

ACCESSION NUMBER: 2001:97171 USPATFULL  
TITLE: Oxidizing composition and uses for dyeing, permanently  
setting or bleaching keratin fibres  
INVENTOR(S): De La Mettrie, Roland, Le Vesinet, France  
Cotteret, Jean, Verneuil sur Seine, France  
De Labrey, Arnaud, Aulnay sous Bois, France  
Maubru, Mireille, Chatou, France  
PATENT ASSIGNEE(S): L'Oreal S.A., Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6251145	B1	20010626
	WO 9917727		19990415
APPLICATION INFO.:	US 1999-319199		19990602 (9)
	WO 1998-FR2026		19980922
			19990602 PCT 371 date
			19990602 PCT 102(e) date

217, #3

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1997-12357	19971003
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Gupta, Yogendra N.	
ASSISTANT EXAMINER:	Hamlin, Derrick G.	
LEGAL REPRESENTATIVE:	Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1003	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates, firstly, to a cosmetic and/or dermatological composition intended for treating keratin fibers, in particular human keratin fibers and more particularly human hair, comprising, in a support which is suitable for keratin fibers:

(a) at least one enzyme of 2-electron oxidoreductase type in the presence of at least one donor for the said enzyme;

(b) at least one substantive polymer chosen from the group consisting of:

(i) cationic cellulose derivatives;

(ii) dimethyldiallylammonium halide homopolymers and copolymers of dimethyldiallylammonium halide and of (meth)acrylic acid;

(iii) methacryloyloxyethyltrimethylammonium halide homopolymers and copolymers;

(iv) polyquaternary ammonium polymers;

(v) vinylpyrrolidone polymers containing cationic units;

(vi) mixtures thereof.

The present invention also relates to processes for treating keratin fibers, in particular processes for dyeing, permanently reshaping or bleaching the hair using this composition.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 69-93-2, Uric acid, biological studies 106-50-3, 1,4-Benzenediamine, biological studies 108-45-2, 1,3-Benzenediamine, biological studies 108-46-3, 1,3-Benzenediol, biological studies 591-27-5 9002-12-4, Uricase 9004-34-6D, Cellulose, alkyl ether derivs. 9015-06-9 9055-15-6, Oxidoreductase 26062-79-3, Merquat 100 26161-33-1 30581-59-0, Dimethylaminoethyl methacrylate-vinylpyrrolidone copolymer 35429-19-7 53694-17-0, Merquat 280 68393-49-7 95144-24-4 131954-48-8 197179-33-2, Oramix cg110 223104-80-1 (oxidative hair dye compns. contg. oxidoreductase-type enzymes and polymers)

=> file stng

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
11.38	99.93

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-2.48

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(FILE 'HOME' ENTERED AT 16:46:10 ON 22 FEB 2002)

FILE 'REGISTRY' ENTERED AT 16:46:45 ON 22 FEB 2002

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L2	1 S MERQUAT 280
L3	0 S IONENE G
	E HEXADIMETHRINE CHLORIDE
L4	1 S HEXADIMETHRINE CHLORIDE
	E MEXANYL
L5	2 S E3
	E OLEAMIDO-1,3-OCTADECANEDIOL
	E 2-OLEAMIDO

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L7	0 S OLEAMIDO
	E OLEAMIDO

FILE 'REGISTRY' ENTERED AT 16:57:46 ON 22 FEB 2002

L8	35 S C36H71NO3
L9	99 S OLEAMIDO
L10	0 S L8 AND L9
	E 9-OCTADECENAMIDE
	E OCTADECENAMIDE
L11	1368 S E3
L12	5 S L8 AND L11



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L13 172 S L2  
L14 43 S L4  
L15 42 S L12  
L16 0 S L13 AND L14 AND L15  
L17 3 S L13 AND L14  
L18 0 S L13 AND L15  
L19 1 S L14 AND L15

FILE 'USPATFULL' ENTERED AT 17:07:01 ON 22 FEB 2002

L20 61 S L2  
L21 31 S L4  
L22 26 S L12  
L23 0 S L20 AND L21 AND L22  
L24 4 S L20 AND L21  
L25 0 S L20 AND L22  
L26 0 S L21 AND L22

FILE 'STNGUIDE' ENTERED AT 17:09:09 ON 22 FEB 2002

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	99.93

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-2.48

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 17:09:31 ON 22 FEB 2002

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